PATENT

Attorney Docket No. 02307I-553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
MICHAEL D. DOYLE et al.   )   Examiner: D. Dinh
)
Application No.: 08/324,443   )   Art Unit: 2317
)
Filed: 10/17/94   )   DECLARATION OF MICHAEL D. DOYLE
)   UNDER RULE 131
For: EMBEDDED PROGRAM OBJECTS IN)
     DISTRIBUTED HYPERMEDIA   )
     SYSTEMS   )
_____)

Assistant Commissioner for Patents
Washington, D.C.   20231

Sir:

I, MICHAEL D. DOYLE, hereby declare that:

1.   I am a co-inventor of the subject matter disclosed
and claimed in U.S. Patent Application No. 08/324,443.

2.   The subject matter claimed in the above patent
application was reduced to practice in this country prior to
April 15, 1994, the filing date of the parent of the Koppolu
reference cited by the examiner.

3.   The reduction to practice of the claimed invention
is evidenced by ATTACHMENTS A and B.   ATTACHMENT A is a copy of
a paper entitled "Integrated Control of Distributed Volume
Visualization Through the World-Wide-Web", by Ang, Martin, and
Doyle.   This paper was submitted for publication prior to
April 15, 1994.   ATTACHMENT B is a transcript of the audio
portion and still photographs of a video tape presented to an
audience of scientists prior to April 14, 1994.

4.   As stated in ATTACHMENT A, at page 5, paragraph
3.2, Mosaic (the browser) interprets the HTML <EMBED> tag
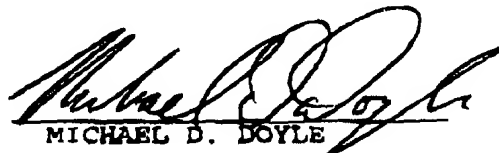included in a document to create a drawing area widget in a

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document presentation and creates a shared window system buffer to receive visualization results. In addition, when the browser parses an <EMBED> tag in the document, the browser automatically launches the external application specifying the location of the visual object to render and identify the shared image buffer. The format and operation of an EMBED tag for 3D image data is described at paragraph 3.1.

     5. As stated in ATTACHMENT B, starting at the bottom of page 2, interface and control software had been developed that allows the embedding of a visualization application within a Mosaic document. As is apparent from the photographs, the object is displayed and processed within the browser-controlled window. The visualization application is external to the hypermedia document displayed by the browser. Automatic launching of the external application when an HTML document is opened by the browser is depicted in the video.

     I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.
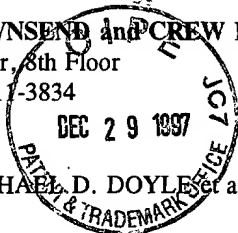
Dated: _October 29_ , 1997.

MICHAEL D. DOYLE

CEK:db
i:\cek\share\023371\553\decl.02

Amendment

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834
(415) 576-0200

DEC 2 9 1997

In re application of MICHAEL D. DOYLE et al.
Appln. No. 08/324,443
Filed 10/17/94
Group Art Unit 2317

For EMBEDDED PROGRAM OBJECTS IN
DISTRIBUTED HYPERMEDIA SYSTEMS

Atty. Docket No. ___023071-553___

Date ____December 23, 1997____

·I hereby certify that this is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D. C. 20231.

Date: _____12-23-97_____

_____J. Bullna_____

THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application:

[X] Enclosed is a petition to extend time to respond.
[ ] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
[ ] A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
[X] Declaration of Michael D. Doyle; Attachments A and B enclosed.

If any extension of time is needed, then this response should be considered a petition therefor.
The filing fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	SMALL ENTITY RATE	SMALL ENTITY ADDIT. FEE	OR	OTHER THAN A SMALL ENTITY RATE	OTHER THAN A SMALL ENTITY ADDIT. FEE
TOTAL	*	MINUS	**	=	x11 =	$		x22 =	$
INDEP.	*	MINUS	***	=	x41 =	$		x82 =	$
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+135 =	$		+270 =	$
					TOTAL ADDIT. FEE	$	OR	TOTAL	$

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

[x] No fee is due.

Please charge Deposit Account No. 20-1430 as follows:

[ ] Claims fee $_____
[X] Any additional fees associated with this paper or during the pendency of this application.

___no___ extra copies of this sheet are enclosed.

TOWNSEND and TOWNSEND and CREW LLP

Charles E. Krueger / Reg. No.: 30,077
Attorneys for Applicant

AMEND.TRN 10/97